

Architectural & Environmental Acousticians
Noise & Vibration Engineers

# Holloway Park, London

# **Construction Monitoring Report**

Client: London Square

Ref: CM117-22405-R0

Date: 17 October 2025

Note by: Anthony Coraci, MSc DiplOA MIOA, Senior Acoustics Consultant

# 1. INTRODUCTION

1.1 This Technical Note sets out results of the construction monitoring being carried out at the above site between Monday 22<sup>nd</sup> September & Saturday 4<sup>th</sup> October 2025. The monitoring is being carried out in general agreement with the methodology in the current Section 61 Consent between the London Borough of Islington and London Square.

# 2. SITE ACTIVITIES

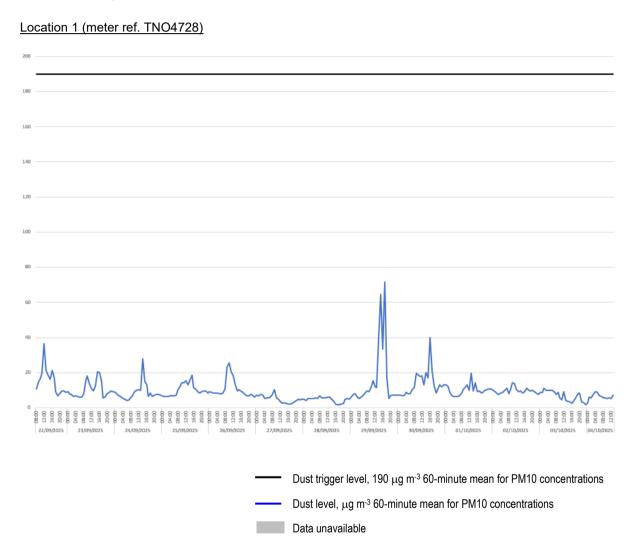
- 2.1 The following activities have been carried during the period covered by this report, in addition to the usual use of the Haul Road with site vehicles, and mobile plant used around the site:
  - Scaffolding, concreting works (including concrete pouring) at Block C
  - Metsec and Facade works at Block C1
  - Brickwork and internal fitout at Block D1
  - Scaffolding works at Blocks C&D
  - Retaining wall installation within proximity of Block E1
  - Groundwork team working on the water pipe installation between Blocks E1 & E2, which is in close proximity of Monitoring Location 2. This work includes trench excavation.
  - Ground works taking place around the welfare area.



# 3. MONITORING DATA

3.1 This section sets out a summary of the monitoring data that has been recorded onsite and provides a discussion of any exceedances and best practicable means incorporated by the site team if exceedances were believed to be construction related.

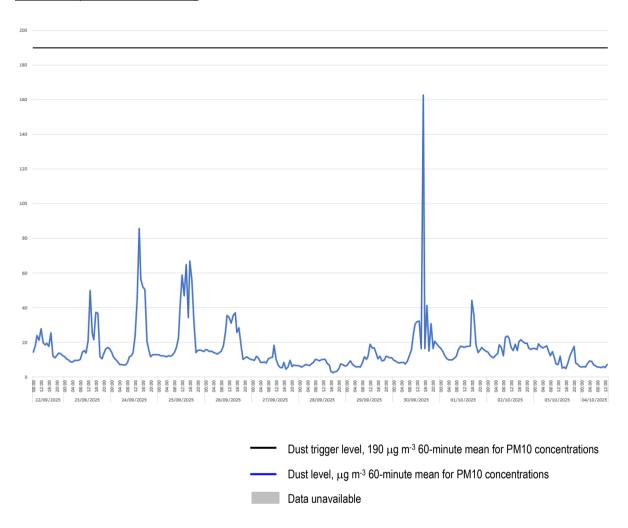
# **Dust Monitoring Results**



3.2 There was 100% data coverage during the monitoring period. There were no exceedances of the dust trigger level of 190  $\mu$ g m<sup>-3</sup> recorded at this location during construction hours.



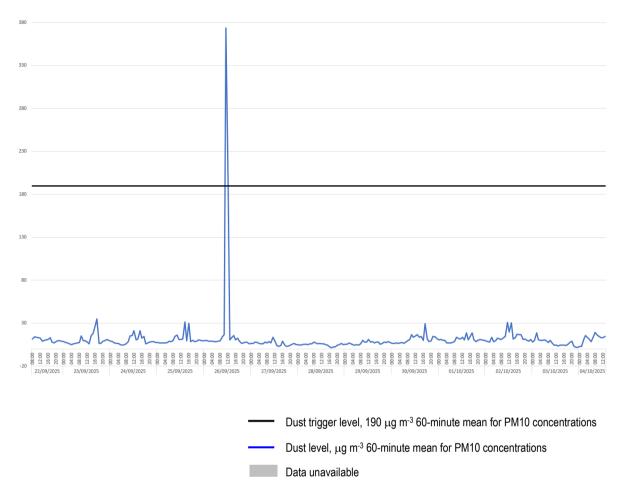
# Location 2 (meter ref. TNO4778)



3.3 There was 100% data coverage during the monitoring period. There were no exceedances of the dust trigger level of 190 μg m<sup>-3</sup> recorded at this location during construction hours.



# Location 3 (meter ref. TNO4729)



- 3.4 There was 100% data coverage at Location 3 during construction hours for the monitoring period covered by this report. There were two exceedances of the dust trigger level of 190 µgm<sup>-3</sup> recorded at this location during construction hours. These exceedances occurred on Friday 26<sup>th</sup> September at 11:00 and 12:00 with values of 373.8 µgm<sup>-3</sup> and 193.8 µgm<sup>-3</sup> respectively.
- 3.5 Discussions with site management indicate that the exceedances were most likely caused by vehicle movements in close proximity to the monitor. This is supported by the fact that the exceedances occurred during two consecutive one-hour periods, with no further exceedances recorded for the remainder of the monitoring period.



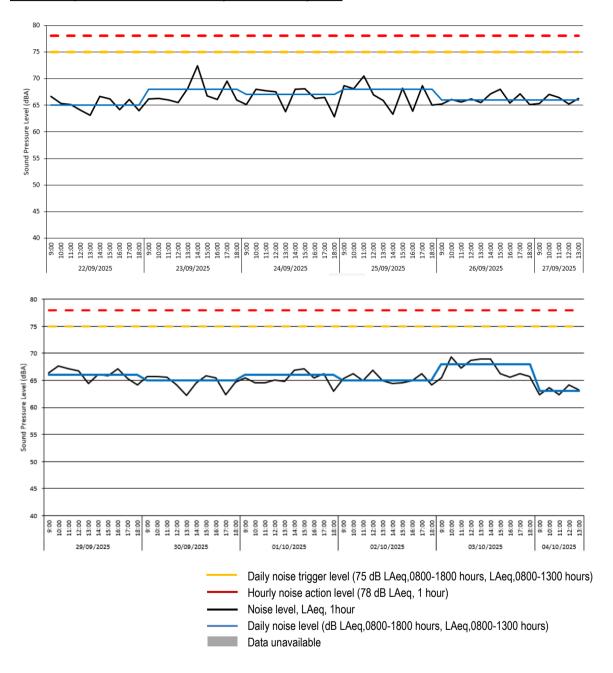
# **Noise Monitoring Results**

# Location 1 (meter ref. SMENK-9E5DF)

Broadband Results					
Date	Time	LAeg(60min)	LAeg(7hr)	LAeg(10hr)	LAeg(5hr)
[YYYY-MM-DD] 2025-09-22	[bh:mm:ss] 09:00:00	[dB] 66.6	[dB]	[dB]	[dB]
2025-09-22	10:00:00	65.3			
2025-09-22	11:00:00 12:00:00	65.1 64.1		747	7,7
2025-09-22	13:00:00	63.1		1.2	
2025-09-22 2025-09-22	14:00:00	66.6 66.2	545	-,-	5.5
2025-09-22	15:00:00 16:00:00	64.2	111		7.7
2025-09-22	17:00:00	66.1		555	
2025-09-22	18:00:00 09:00:00	64.0 66.2		65.3	-,-
2025-09-23	10:00:00	66.3	2.2	-,-	-,-
2025-09-23 2025-09-23	11:00:00 12:00:00	66.0 65.5		1,1	2,2
2025-09-23	13:00:00	68.2		-,-	-,-
2025-09-23	14:00:00 15:00:00	72.4 66.7			1,1
2025-09-23	16:00:00	66.1	5.5	242	5.5
2025-09-23 2025-09-23	17:00:00 18:00:00	69.5 66.0		67.9	
2025-09-24	09:00:00	65.1	2.2		
2025-09-24 2025-09-24	10:00:00	68.0 67.7			-,-
2025-09-24	12:00:00	67.5			
2025-09-24 2025-09-24	13:00:00 14:00:00	63.8 68.0	545	242	5.5
2025-09-24	15:00:00	68.1			
2025-09-24	16:00:00	66.3	***		
2025-09-24 2025-09-24	17:00:00 18:00:00	66.5 62.8		66.7	-,-
2025-09-25	09:00:00	68.7			-,-
2025-09-25 2025-09-25	10:00:00 11:00:00	68.1 70.5			2,2
2025-09-25	12:00:00	66.9	-,-	-,-	-,-
2025-09-25 2025-09-25	13:00:00 14:00:00	65.9 63.3	2:2	1,1	2.2
2025-09-25	15:00:00	68.2		-,-	
2025-09-25 2025-09-25	16:00:00 17:00:00	63.9 68.7	-,-	747	7.7
2025-09-25	18:00:00	65.0		67.5	4.4
2025-09-26	09:00:00	65.2 66.1	-,-	-,-	-,-
2025-09-26 2025-09-26	10:00:00 11:00:00	65.6	2:2	1,1	2,2
2025-09-26	12:00:00	66.2		-,-	
2025-09-26 2025-09-26	13:00:00 14:00:00	65.5 67.1			-,-
2025-09-26	15:00:00	68.0	2.2	4.4	
2025-09-26 2025-09-26	16:00:00 17:00:00	65.4 67.1			7.7
2025-09-26	18:00:00	65.1	4.4	66.2	-,-
2025-09-27	09:00:00 10:00:00	65.3 67.0			2,2
2025-09-27	11:00:00	66.5	-,-	-,-	-,-
2025-09-27 2025-09-27	12:00:00 13:00:00	65.2 66.3		1.1	66.1
2025-09-28	18:00:00	-,-		63.8	
2025-09-29	09:00:00 10:00:00	66.4 67.6			-,-
2025-09-29	11:00:00	67.2	2.2	111	-:-
2025-09-29 2025-09-29	12:00:00 13:00:00	66.8 64.4			
2025-09-29	14:00:00	66.1		747	-,-
2025-09-29 2025-09-29	15:00:00 16:00:00	65.9 67.2	2.2		1,1
2025-09-29	17:00:00	65.3	***		
2025-09-29 2025-09-30	18:00:00 09:00:00	64.1 65.7	7.7	66.2	1:1
2025-09-30	10:00:00	65.7			
2025-09-30	11:00:00	65.6			
2025-09-30 2025-09-30	12:00:00 13:00:00	64.2 62.2		747 747	
2025-09-30	14:00:00	64.5			
2025-09-30	15:00:00	65.9			
2025-09-30 2025-09-30	16:00:00 17:00:00	65.4 62.3		545 545	
2025-09-30	18:00:00	64.7		64.8	
2025-10-01	09:00:00	65.4			
2025-10-01 2025-10-01	10:00:00 11:00:00	64.6 64.5			
2025-10-01	12:00:00	65.1			
2025-10-01	13:00:00	64.8			
2025-10-01 2025-10-01	14:00:00 15:00:00	66.9 67.2			
2025-10-01	16:00:00	65.5			
2025-10-01	17:00:00	66.2			
2025-10-01 2025-10-02	18:00:00 09:00:00	63.0 65.3	 	65.5	
2025-10-02	10:00:00	66.2			
2025-10-02	11:00:00	65.0			
2025-10-02 2025-10-02	12:00:00 13:00:00	66.9 64.9			
2025-10-02	14:00:00	64.4			
2025-10-02	15:00:00	64.5			
2025-10-02	16:00:00	65.0			
2025-10-02 2025-10-02	17:00:00 18:00:00	66.3 64.1		65.4	
2025-10-03	09:00:00	65.5			-:-
2025-10-03	10:00:00	69.3			
2025-10-03 2025-10-03	11:00:00 12:00:00	67.3 68.7			
2025-10-03	13:00:00	68.9			
2025-10-03	14:00:00	68.9			
2025-10-03 2025-10-03	15:00:00 16:00:00	66.3 65.6			
2025-10-03	17:00:00	66.3			
2025-10-03	18:00:00	65.7		67.5	
2025-10-04	09:00:00 10:00:00	62.4			
2025-10-04 2025-10-04	10:00:00	63.6 62.3			
2025-10-04	12:00:00	64.2			
2025-10-04	13:00:00	63.2			63.2



# Location 1 (meter ref. SMENK-9E5DF) - Time History Data



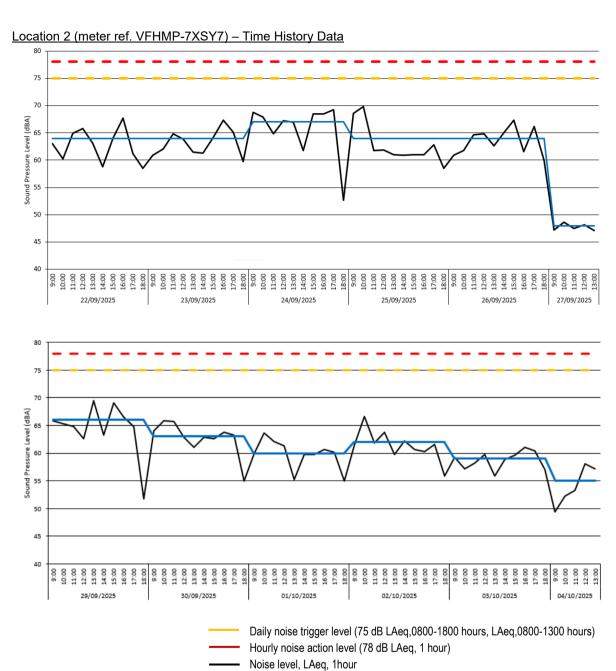
3.6 There was 100% data coverage at Location 1 during construction hours for the monitoring period covered by this report. There were no exceedances of the daily noise trigger level (75 dB LAeq,T) or hourly noise action level (78 dB LAeq,1 hour) at this location for the monitoring period covered by this report.



# Location 2 (meter ref. VFHMP-7XSY7)

adband Results				
Date [YYYY-MM-DD]	Time [hh:mm:ss]	LAeq(60min) [dB]	LAeq(10hr) [dB]	LAeq(5hr) [dB]
2025-09-22	09:00:00	63.0		
2025-09-22	10:00:00	60.2		
2025-09-22 2025-09-22	11:00:00 12:00:00	64.9 65.8	-,-	
2025-09-22	13:00:00	63.1		
2025-09-22 2025-09-22	14:00:00	58.8 64.1		
2025-09-22	15:00:00 16:00:00	67.7		
2025-09-22	17:00:00	61.2		
2025-09-22 2025-09-23	18:00:00 09:00:00	58.5 60.9	63.6	
2025-09-23	10:00:00	62.0		
2025-09-23	11:00:00	64.8		
2025-09-23 2025-09-23	12:00:00 13:00:00	63.9 61.5		
2025-09-23	14:00:00	61.3		-1-
2025-09-23 2025-09-23	15:00:00 16:00:00	64.1 67.3		
2025-09-23	17:00:00	65.1		
2025-09-23	18:00:00	59.7	63.7	
2025-09-24 2025-09-24	09:00:00 10:00:00	68.8 67.9		
2025-09-24	11:00:00	64.8	-,-	-,-
2025-09-24	12:00:00	67.2		
2025-09-24 2025-09-24	13:00:00 14:00:00	66.9 61.8		
2025-09-24	15:00:00	68.5		
2025-09-24	16:00:00	68.5		
2025-09-24	17:00:00	69.2	67.1	
2025-09-24 2025-09-25	18:00:00 09:00:00	52.7 68.6	67.1	
2025-09-25	10:00:00	69.8		
2025-09-25 2025-09-25	11:00:00 12:00:00	61.8 61.9		
2025-09-25	13:00:00	61.0		
2025-09-25	14:00:00	60.9		
2025-09-25	15:00:00 16:00:00	61.0 61.0		
2025-09-25	17:00:00	62.8		
2025-09-25	18:00:00	58.5	64.4	
2025-09-26 2025-09-26	09:00:00 10:00:00	60.9 61.8		-,-
2025-09-26	11:00:00	64.6		
2025-09-26	12:00:00	64.8		
2025-09-26 2025-09-26	13:00:00 14:00:00	62.6 65.0	-,-	
2025-09-26	15:00:00	67.3		-1-
2025-09-26	16:00:00	61.6		
2025-09-26 2025-09-26	17:00:00 18:00:00	66.2 59.9	64.1	
2025-09-27	09:00:00	47.2		-1-
2025-09-27	10:00:00	48.6		
2025-09-27 2025-09-27	11:00:00 12:00:00	47.5 48.2		
2025-09-27	13:00:00	47.1		47.8
2025-09-28 2025-09-29	18:00:00 09:00:00	65.8	45.3	
2025-09-29	10:00:00	65.3		
2025-09-29	11:00:00	64.8		
	12:00:00	62.6		
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3.7 There was 100% data coverage at Location 2 during construction hours for the monitoring period covered by this report. There were no exceedances of the daily noise trigger level (75 dB LAeq,T) or hourly noise action level (78 dB LAeq,1 hour) at this location for the monitoring period covered by this report.

Data unavailable

Daily noise level (dB LAeq,0800-1800 hours, LAeq,0800-1300 hours)

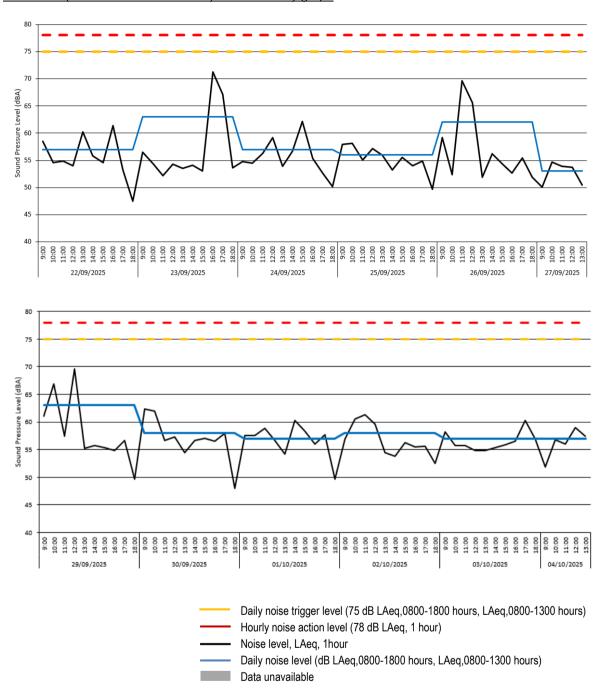


# Location 3 (meter ref. P5DLY-N3J7A) - Raw Data

Broadband Results		LAeq(60min) [dB]	Ang(10hm)	100-/51
Date [YYYY-MM-DD]	Time [hh:mm:ss] 09:00:00	LAEG(60min) [dB]	[dB]	[dB]
		3013		
2025-09-22	10:00:00	54.6		
2025-09-22	11:00:00 12:00:00	54.9 54.0		
2025-09-22	13:00:00	60.2	-:-	
2025-09-22	14:00:00	55.8		
2025-09-22 2025-09-22	15:00:00 16:00:00	54.6 61.4		
2025-09-22	17:00:00	53.2		
2025-09-22	18:00:00	47.5	56.9	
2025-09-23	09:00:00	56.5		
2025-09-23 2025-09-23	10:00:00 11:00:00	54.4 52.2		
2025-09-23	12:00:00	54.3	-1-	-:-
2025-09-23	13:00:00	53.5		
2025-09-23	14:00:00 15:00:00	54.1 53.0		
2025-09-23	16:00:00	71.2		
2025-09-23	17:00:00	67.1		
2025-09-23	18:00:00	53.6	63.1	
2025-09-24 2025-09-24	09:00:00 10:00:00	54.8 54.5		
2025-09-24	11:00:00	56.3		
2025-09-24	12:00:00	59.2		
2025-09-24	13:00:00	53.9		
2025-09-24	14:00:00	56.7		
2025-09-24 2025-09-24	15:00:00 16:00:00	62.1 55.3		
2025-09-24	17:00:00	52.7		-1-
2025-09-24	18:00:00	50.2	56.8	
2025-09-25 2025-09-25	09:00:00 10:00:00	57.9 58.1		
2025-09-25	11:00:00	55.1		
2025-09-25	12:00:00	57.2		
2025-09-25	13:00:00	55.9		
2025-09-25 2025-09-25	14:00:00 15:00:00	53.2 55.5		
2025-09-25	16:00:00	F4 0		
2025-09-25	17:00:00	54.9		
2025-09-25	18:00:00	49.7	55.7	
2025-09-26 2025-09-26	09:00:00 10:00:00	59.2 52.4		
2025-09-26	11:00:00	69.6		
2025-09-26	12:00:00	65.6		
2025-09-26	13:00:00	51.9		
2025-09-26 2025-09-26	14:00:00 15:00:00	56.2 54.4		
2025-09-26	16:00:00	52.7		
2025-09-26	17:00:00	55.4		
2025-09-26	18:00:00	51.9	61.8	
2025-09-27 2025-09-27	09:00:00 10:00:00	50.1 54.7		
2025-09-27	11:00:00	53.9		
2025-09-27	12:00:00	53.7		
2025-09-27 2025-09-28	13:00:00 18:00:00	50.5	47.7	53.0
2025-09-28	09:00:00	61.1	47.7	
2025-09-29	10:00:00	66.9		
2025-09-29	11:00:00	57.4		
2025-09-29 2025-09-29	12:00:00 13:00:00	69.6 55.2		
2025-09-29	14:00:00	55.7		-,-
2025-09-29	15:00:00	55.4		
2025-09-29	16:00:00	54.8		
2025-09-29 2025-09-29	17:00:00 18:00:00	56.7 49.6	62.5	
2025-09-30	09:00:00	62.4		
2025-09-30	10:00:00	62.0		
2025-09-30	11:00:00	56.6 57.3		
2025-09-30 2025-09-30	12:00:00 13:00:00	57.3 54.4		
2025-09-30	14:00:00	56.7		
2025-09-30	15:00:00	57.1		
2025-09-30	16:00:00	56.5 58.0		
2025-09-30 2025-09-30	17:00:00	58.0 47.9	58.3	
2025-10-01	09:00:00	57.5		-1-
2025-10-01	10:00:00	57.5		
2025-10-01 2025-10-01	11:00:00 12:00:00	58.9 56.6		
2025-10-01	13:00:00	54.2		
2025-10-01	14:00:00	60.3		
2025-10-01	15:00:00	58.3		
2025-10-01 2025-10-01	16:00:00 17:00:00	56.0 57.7		
2025-10-01	18:00:00	49.7	57.4	
2025-10-02	09:00:00	56.9		
2025-10-02	10:00:00	60.6		
2025-10-02 2025-10-02	11:00:00 12:00:00	61.3 59.6		
2025-10-02	13:00:00	54.4		
2025-10-02	14:00:00	53.8		
2025-10-02	15:00:00	56.3		
2025-10-02 2025-10-02	16:00:00 17:00:00	55.5 55.6		
2025-10-02	18:00:00	52.5	57.6	
2025-10-03	09:00:00	58.2		-:-
2025-10-03	10:00:00	55.8		
2025-10-03	11:00:00	55.8		
2025-10-03 2025-10-03	12:00:00 13:00:00	54.8 54.8		
2025-10-03	14:00:00	55.4		
2025-10-03	15:00:00	55.9		
	16:00:00	56.5		
2025-10-03		60.3	7.7	
2025-10-03 2025-10-03	17:00:00		56.8	
2025-10-03	17:00:00 18:00:00 09:00:00	56.9 51.9	56.8	
2025-10-03 2025-10-03 2025-10-03 2025-10-04 2025-10-04	18:00:00 09:00:00 10:00:00	56.9 51.9 56.8		
2025-10-03 2025-10-03 2025-10-03 2025-10-04 2025-10-04 2025-10-04	18:00:00 09:00:00 10:00:00 11:00:00	56.9 51.9 56.8 56.0		
2025-10-03 2025-10-03 2025-10-03 2025-10-04 2025-10-04	18:00:00 09:00:00 10:00:00	56.9 51.9 56.8		



#### Location 3 (meter ref. P5DLY-N3J7A) - Time-history graph



3.8 There was 100% data coverage at Location 3 during construction hours for the monitoring period covered by this report. There were no exceedances of the daily noise trigger level (75 dB LAeq,T) or hourly noise action level (78 dB LAeq,1 hour) at this location for the monitoring period covered by this report.

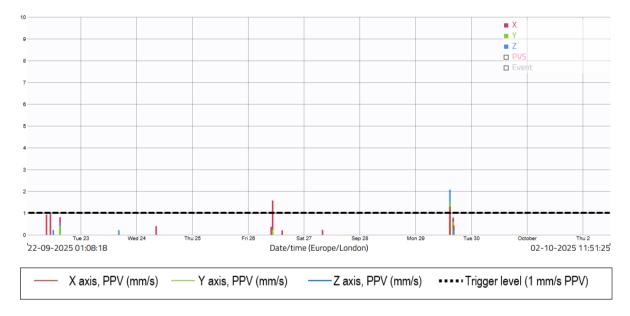


#### **Vibration Monitoring Results**

#### Location 1 (meter ref. PIJIVI) - Raw data

Order Value Date Time Measuring point: Period: 2.07 27/09/2025 Holloway - L1 2025-09-22 000000.000- - 17 1 08:03 2 1.57 26/09/2025 09:59 3 0.96 22/09/2025 10:59 Criteria mm/s PPV Exceedances 4 0.93 22/09/2025 09:19 5 0.81 22/09/2025 15:00 6 0.80 29/09/2025 14:57 7 0.49 29/09/2025 16:31 8 0.42 29/09/2025 16:16 9 0.39 23/09/2025 16:27 10 0.36 24/09/2025 08:29

#### Location 1 (meter ref. PIJIVI) - Time history graph



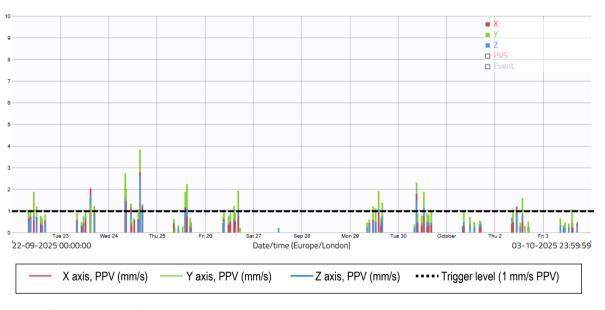
3.9 There was 100% data coverage at Location 1 during construction hours for the monitoring period covered by this report. There were two exceedances of the project vibration trigger level of 1.0 mm/s PPV, as shown in the raw data and graph above. These occurred on Saturday 27<sup>th</sup> September at 08:03 and Friday 26<sup>th</sup> September at 09:59, with values of 2.07 mm/s PPV and 1.57 mm/s PPV respectively. Based on discussions with site management, this was understood to have been caused by the scaffolding and concreting works at Block C.



#### Location 2 (meter ref. LEQUMO) - Raw data

	,												
Measuring point:	Period:	Order		Date	Time	Order	Value		Time	Order		Date	Time
Holloway - L2 2025-09-22_000000.000	2025-09-22_000000.000 17	1		24/09/2025	15:40	31	1.41	24/09/2025	15:35	61	1.12	29/09/2025	13:22
		2	2.72	24/09/2025	08:19	32	1.38	29/09/2025	16:07	62	1.12	30/09/2025	08:49
Criteria mm/s PPV	Exceedances	3	2.30	30/09/2025	10:59	33	1.37	25/09/2025	14:59	63	1.12	29/09/2025	12:50
1.0	86	4	2.23	22/09/2025	09:19	34	1.36	22/09/2025	11:03	64	1.11	30/09/2025	08:52
		5	2.21	30/09/2025	09:09	35	1.34	24/09/2025	11:10	65	1.11	23/09/2025	16:26
		6	2.11	24/09/2025	16:28	36	1.32	22/09/2025	11:02	66	1.11	29/09/2025	12:53
		7	2.05	24/09/2025	08:16	37	1.32	25/09/2025	14:06	67	1.08	29/09/2025	11:04
		8	2.04	23/09/2025	15:04	38	1.32	30/09/2025	08:54	68	1.08	23/09/2025	14:36
		9	2.02	24/09/2025	15:38	39	1.32	22/09/2025	10:52	69	1.08	02/10/2025	09:05
		10	2.00	24/09/2025	08:41	40	1.31	24/09/2025	16:50	70	1.08	22/09/2025	10:49
		11	1.92	29/09/2025	14:20	41	1.30	30/09/2025	12:55	71	1.07	24/09/2025	08:15
		12	1.92	26/09/2025	16:32	42	1.30	30/09/2025	12:52	72	1.07	24/09/2025	14:44
		13	1.90	24/09/2025	08:42	43	1.29	23/09/2025	15:02	73	1.07	03/10/2025	14:23
		14	1.88	24/09/2025	08:18	44	1.26	24/09/2025	08:54	74	1.06	26/09/2025	09:24
		15	1.87	25/09/2025	14:08	45	1.23	26/09/2025	14:24	75	1.05	01/10/2025	08:40
		16	1.87	22/09/2025	10:51	46	1.23	29/09/2025	14:21	76	1.04	22/09/2025	09:13
		17	1.87	30/09/2025	12:48	47	1.22	24/09/2025	09:28	77	1.04	26/09/2025	15:22
		18	1.75	30/09/2025	09:06	48	1.22	23/09/2025	16:25	78	1.04	24/09/2025	08:59
		19	1.75	24/09/2025	15:39	49	1.21	24/09/2025	16:42	79	1.04	23/09/2025	12:33
		20	1.74	30/09/2025	09:11	50	1.20	22/09/2025	12:18	80	1.03	23/09/2025	16:33
		21	1.72	30/09/2025	08:46	51	1.20	30/09/2025	12:49	81	1.02	22/09/2025	09:21
		22	1.71	25/09/2025	13:58	52	1.20	29/09/2025	11:32	82	1.02	24/09/2025	08:36
		23	1.60	24/09/2025	08:53	53	1.19	02/10/2025	10:57	83	1.01	22/09/2025	08:17
		24	1.59	02/10/2025	13:49	54	1.18	30/09/2025	08:50	84	1.01	23/09/2025	14:29
		25	1.59	30/09/2025	08:55	55	1.17	23/09/2025	15:00	85	1.01	25/09/2025	13:50
		26	1.56	30/09/2025	09:08	56	1.17	24/09/2025	08:58	86	1.00	03/10/2025	14:12
		27	1.55	23/09/2025	14:53	57	1.16	22/09/2025	12:14	87	1.00	30/09/2025	09:01
		28	1.54	24/09/2025	08:52	58	1.15	26/09/2025	16:05	88	0.99	23/09/2025	15:06
		29	1.46	24/09/2025	08:55	59	1.14	30/09/2025	08:51	89	0.99	24/09/2025	08:17
		30	1.42	30/09/2025	09:07	60	1.13	30/09/2025	11:44	90	0.98	02/10/2025	09:08

### Location 2 (meter ref. LEQUMO) - Time-history graph



3.10 There was 100% data coverage at Location 2 during construction hours for the monitoring period covered by this report. There were 86 exceedances of the project vibration trigger level of 1.0 mm/s PPV, as shown in the raw data and graph above. The highest recorded vibration level took place at 15:40 on Wednesday 24<sup>th</sup> September, with a recorded level of 3.83 mm/s PPV.



3.11 The exceedances at this location are understood to have been caused by a combination of the retaining wall installation within the proximity of Block E1, as well as the trench excavation which is taking place within close proximity to the monitor. This will continue to be monitored.

# Location 3 (meter ref. RIYORU)

3.12 No data was collected at Location 3 for the monitoring period covered by this report due to the monitor having been sent to the manufacturer for its routine laboratory calibration (scheduled every two years) and will be returned to site as soon as possible.

#### Location 4 (meter ref. TEJELU)

3.13 No data was collected at Location 4 for the monitoring period covered by this report due to the monitor having been sent to the manufacturer for its routine laboratory calibration (scheduled every two years) and will be returned to site as soon as possible.